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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		OCT 10 2006	
(use as many sheets as necessary)		PATENT & TRADEMARK OFFICE	
Sheet 1 of 13		Application Number 10/629,491	
		Filing Date July 29, 2003	
		First named Inventor Michael R.S. Hill	
		Group Art Unit 3766	
		Examiner name Kristen Dreesch Mullen	
		Attorney Docket Number 065071-9058-00	

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM	3,614,995	Probert, et al.	10/26/1971
	3,804,098	Friedman	4/16/1974
	3,937,226	Funkc	2/10/1976
	4,088,138	Diack, et al.	5/9/1978
)	4,088,140	Fritzsche	2/15/1977
	4,198,963	Barkalow, et al.	4/22/1979
	4,161,952	Kinney, et al.	7/24/1979
	4,176,660	Mylrea, et al.	12/4/1979
	4,303,075	Heilman et al.	12/1/1981
	4,304,239	Perlin	12/8/1981
	4,321,929	Lemelson et al.	3/30/1982
	4,332,259	McCorkle, Jr.	6/1/1982
	4,351,330	Scarberry	9/28/1982
	4,354,497	Kahn	10/19/1982
	4,458,677	McCorkle, Jr.	7/10/1984
	4,548,203	Tacker, Jr. et al.	10/22/1985
V	4,574,807	Hewson et al.	3/11/1986
KDM	4,603,705	Speicher, et al.	8/5/1986

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small> Sheet 2 of 13		OCT 10 2006 <small>U.S. PATENT & TRADEMARK OFFICE</small> Application Number 10/629,491 Filing Date July 29, 2003 First named Inventor Michael R. S. Hill Group Art Unit 3766 Examiner name Kristen Duesch Mullen Attorney Docket Number 065071-9058-00	
U.S. Patent Documents			
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document
KDM		4,640,298	Pless et al.
		4,671,295	Abrams et al.
		4,715,367	Crossley
		4,722,347	Abrams, et al.
		4,753,244	Landymore et al.
		4,919,147	Reinhardt, et al.
		4,928,688	Mower
		4,929,688	Allen et al.
		4,931,464	Grover et al.
		4,952,586	Morris et al.
		4,960,133	Hewson
		5,003,991	Takayama, et al.
		5,007,893	Row
		5,014,698	Cohen
		5,024,228	Goldstone et al.
		5,025,807	Zabara
		5,036,848	Hewson
KDM		5,044,367	Endres et al.
Examiner Signature		/Kristen Mullen/ (11/27/2006)	Date Considered
		11/27/2006	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 3 of 13				Application Number Filing Date First named Inventor Group Art Unit Examiner name Attorney Docket Number	10/629,491 July 29, 2003 Michael R.S. Hill 3766 Kristen Droebsch Mullen 065071-9058-00
U.S. Patent Documents					
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
KDM		5,050,600	Parks	9/24/1991	
		5,052,390	Hewson	10/1/1991	
		5,056,519	Vince	10/15/1991	
		5,056,532	Hull et al.	10/15/1991	
		5,117,822	Laghi	6/2/1992	
		5,117,828	Metzger et al.	6/2/1992	
		5,125,406	Goldstone et al.	6/30/1992	
		5,127,407	Tan	7/7/1992	
		5,129,392	Bardy et al.	7/14/1992	
		5,154,172	Terry, Jr., et al.	10/13/1992	
		5,156,149	Hudrik	10/20/1992	
		5,156,151	Imran	10/20/1992	
		5,174,289	Cohen	12/29/1992	
		5,178,149	Imburgia, et al.	1/12/1993	
		5,179,950	Stanislaw	1/19/1993	
		5,179,952	Buinevicius et al.	1/19/1993	
		5,186,170	Varrichio et al.	2/16/1993	
KDM		5,188,104	Wemicke et al.	2/23/1993	
Examiner Signature		/Kristen Mullen/ (11/27/2006)		Date Considered	11/27/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/629,491
(use as many sheets as necessary)		Filing Date	July 29, 2003
Sheet 4 of 13		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Drosch Mullen
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents				
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
KDM	5,199,428	Obel et al.	4/6/1993	
	5,203,326	Collins	4/20/1993	
	5,205,285	Baker, Jr.	4/27/1993	
	5,215,086	Terry, Jr. et al.	6/1/1993	
	5,231,988	Wernicke et al.	8/3/1993	
	5,235,980	Varrichio et al.	8/17/1993	
	5,243,980	Mehra	9/14/1993	
	5,263,480	Wernicke et al.	12/14/1993	
	5,265,603	Hudrlík	11/30/1993	
	5,265,623	Kroll, et al.	11/30/1993	
	5,267,560	Cohen	12/7/1993	
	5,269,303	Wernicke et al.	12/14/1993	
	5,282,468	Klepinski	2/1/1994	
	5,284,146	Czar et al.	2/8/1994	
	5,292,338	Bardy	3/8/1994	
	5,299,569	Wernicke et al.	4/5/1994	
↓	5,304,120	Crandell et al.	4/19/1994	
KDM	5,304,206	Baker, Jr. et al.	4/19/1994	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/629,491
(use as many sheets as necessary)		Filing Date	July 29, 2003
Sheet 5 of 13		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Drosch Mullen
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM		5,304,220	Maginot	4/19/1994
		5,330,507	Schwartz	7/19/1994
		5,330,515	Rutecki et al.	7/19/1994
		5,334,221	Bardy	8/2/1994
		5,335,657	Terry, Jr. et al.	8/9/1994
		5,354,318	Taepke	10/11/1994
		5,356,425	Bardy et al.	10/18/1994
		5,365,926	Desai	11/22/1994
		5,379,765	Kajiwara et al.	1/10/1995
		5,403,356	Hill et al.	4/4/1995
		5,411,529	Hudrlík	5/2/1995
		5,417,713	Cohen	5/23/1995
		5,456,254	Pietroski et al.	10/10/1995
		5,458,625	Kendall	10/17/1995
		5,476,485	Weinberg, et al.	12/19/1995
		5,501,702	Plicchi et al.	3/26/1996
↓		5,501,703	Holsheimer et al.	3/26/1996
KDM		5,507,784	Hill et al.	4/16/1996

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/629,491
(use as many sheets as necessary)		Filing Date	July 29, 2003
Sheet 6 of 13		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Drosch Mullen
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents				
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
KDM	5,514,161	Limousin	5/7/1996	
	5,531,776	Ward et al.	7/2/1996	
	5,540,730	Terry, Jr.	7/30/1996	
	5,540,732	Testerman	7/30/1996	
	5,549,655	Erickson	8/27/1996	
	5,571,150	Wernicke et al.	11/5/1996	
	5,578,061	Stroetmann et al.	11/26/1996	
	5,584,867	Limousin, et al.	12/17/1996	
	5,611,350	John	3/18/1997	
	5,620,468	Mongeon, et al.	4/15/1997	
	5,651,378	Matheny et al.	7/29/1997	
	5,656,420	Chien	8/12/1997	
	5,662,689	Elsberry, et al.	9/2/1997	
	5,668,117	Shapiro	9/16/1997	
	5,690,681	Geddes et al.	11/25/1997	
	5,674,259	Gray	10/7/1997	
V	5,700,282	Zabara	12/23/1997	
KDM	5,707,400	Terry, Jr., et al.	1/13/1998	

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(use as many sheets as necessary)		Filing Date	July 29, 2003
Sheet 7 of 13		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Drosch Mullen
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM		5,713,924	Min et al.	2/3/1998
		5,713,929	Hess et al.	2/3/1998
		5,720,768	Verboven-Nelissen	2/24/1998
		5,755,682	Knudson, et al.	5/26/1998
		5,782,874	Loos	7/21/1998
		5,791,187	Chang	8/11/1998
		5,792,187	Adams	8/11/1998
		5,792,203	Schroepel	8/11/1998
		5,797,970	Pouvreau	8/25/1998
		5,799,661	Boyd, et al.	9/1/1998
		5,824,021	Rise	10/20/1998
		5,836,994	Bourgeois	11/17/1998
		5,840,076	Swanson et al.	11/24/1998
		5,846,263	Peterson et al.	12/8/1998
		5,846,264	Andersson, et al.	12/8/1998
		5,874,420	Pellegr	2/23/1999
		5,889,033	Kaminski	3/30/1999
KDM		5,893,881	Elsberry et al.	4/13/1999

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 8 of 13		Complete if Known	
		Application Number	10/629,491
		Filing Date	July 29, 2003
		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Droeisch Mullen
		Attorney Docket Number	065071-9058-00

U.S. Patent Documents				
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KDM		5,893,882	Peterson et al.	4/13/1999
		5,902,324	Thompson et al.	5/11/1999
		5,913,876	Taylor et al.	6/22/1999
		5,916,239	Geddes et al.	6/29/1999
		5,928,272	Adkins, et al.	7/27/1999
		5,964,789	Karsdon	10/12/1999
		5,971,911	Wilk	10/26/1999
		5,977,408	Levin et al.	11/2/1999
		5,995,872	Bourgeois	11/30/1999
		5,998,386	Feldman	12/7/1999
		6,006,134	Hill et al.	12/21/1999
		6,007,559	Arkans	12/28/1999
		6,014,588	Fitz	1/11/2000
		6,042,538	Puskas	3/28/2000
		6,043,273	Duhaylongsod	3/28/2000
		6,060,454	Duhaylongsod	5/9/2000
↓		6,073,048	Kieval, et al.	6/6/2000
KDM		6,087,394	Duhaylongsod	7/11/2000

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U.S. Patent Documents				
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KDM		6,091,988	Warman et al.	7/18/2000
		6,101,412	Duhaylongsod	8/8/2000
		6,103,722	Schultz, et al.	8/15/2000
		6,127,410	Duhaylongsod	10/3/2000
		6,141,589	Duhaylongsod	10/31/2000
		6,141,590	Renirie et al.	10/31/2000
		6,184,239	Puskas	2/6/2001
		6,185,459	Mehra et al.	2/6/2001
		6,221,851	Feldman	4/24/2001
		6,234,985	Lurie et al.	5/22/2001
		6,253,108	Rosborough, et al.	6/26/2001
		6,266,564	Hill et al.	7/24/2001
		6,272,380	Warman et al.	8/7/2001
		6,299,564	Gessler et al.	10/9/2001
		6,303,293	Patterson et al.	10/16/2001
		6,304,777	Ben-Haim, et al.	10/16/2001
		6,381,499	Taylor et al.	4/30/2002
KDM		6,414,018	Duhaylongsod	7/2/2002

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Sheet 10 of 13		First named Inventor	Michael R.S. Hill
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		6,442,429	Hill et al.	8/27/2002
		6,449,507	Hill et al.	9/10/2002
		6,473,644	Terry, Jr. et al.	10/29/2002
		6,479,523	Puskas	11/12/2002
		6,487,446	Hill et al.	11/26/2002
		6,532,388	Hill et al.	3/11/2003
		6,537,540	Burstein et al.	3/25/2003
		6,542,774	Hill et al.	4/1/2003
		6,554,781	Carter et al.	4/29/2003
		6,572,895	Smith et al.	6/3/2003
		6,587,719	Barrett et al.	7/1/2003
		6,589,954	Mavunkel et al.	7/8/2003
		6,609,025	Barrett et al.	8/19/2003
		6,622,038	Barrett et al.	9/16/2003
		6,622,041	Terry, Jr. et al.	9/16/2003
		6,622,047	Barrett et al.	9/16/2003
KDM		6,628,987	Hill et al.	9/30/2003

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		Group Art Unit	3766
		Examiner name	Kristen Droeisch Mullen
		Attorney Docket Number	065071-9058-00

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KDM		6,656,960	Puskas	12/2/2003
		6,690,973	Hill et al.	2/10/2004
		6,711,436	Duhaylongsod	3/23/2004
		6,718,208	Hill et al.	4/6/2004
		6,721,603	Zabara et al.	4/13/2004
		6,735,471	Hill et al.	5/11/2004
		6,738,667	Deno et al.	5/18/2004
		6,778,854	Puskas	8/17/2004
		6,904,318	Hill et al.	6/7/2005
		6,912,419	Hill et al.	6/28/2005
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KDM		2003/0074039	Puskas	4/17/2003

Examiner Signature	/Kristen Mullen/ (11/27/2006)	Date Considered	11/27/2006
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		Application Number	10/629,491
		Filing Date	July 29, 2003
		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Drosch Mullen
Sheet 12 of 13		Attorney Docket Number	065071-9058-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
KDM		2003/0216775	Hill et al.	11/20/2003
		2003/0216790	Hill et al.	11/20/2003
		2003/045909	Gross et al.	3/6/2003
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
KDM	AU	9890156 758370	Duhaylongsod	3/1/1999		
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(use as many sheets as necessary)		Filing Date	July 29, 2003
Sheet 13 of 13		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Kristen Dmesch Mullen
		Attorney Docket Number	065071-9058-00

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Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
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KDM	WO	0009206	Mehra, et al.	2/24/2000	X
KDM	WO	0226320	Hill, et al.	4/4/2002	X

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				Application Number	10/629,491
				Filing Date	July 29, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Kristen Drosch Mullen
Sheet	I	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.			
KDM		AGNEW, William F., et al., "Considerations for Safety with Chronically Implanted Nerve Electrodes, Epilepsia, 31(Suppl. 2), 1990, pp. S27-S32, Raven Press, Ltd., New York.			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Application Number	10/629,491
Sheet	2	of	10	Filing Date	July 29, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Kristen Droeisch Mullen
				Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.			
KDM		BLUERMEL, K.M., et al., "Parasympathetic Postganglionic Pathways to the Sinoatrial Node," Am. Phys. Soc., 1990, pp. H1504-H1508.			
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				Application Number	10/629,491
				Filing Date	July 29, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Kristen Drosch Mullen
Sheet	3	of	10	Attorney Docket Number	065071-9058-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
KDM		Declaration/Clarification of John D. Puskas, MD., dated October 11, 2005, pp. 1-7.
		DiMARCO, J.P., M.D., et al. "Adenosine: Electrophysiologic Effects and Therapeutic Use for Terminating Paroxysmal Supraventricular Tachycardia," Therapy and Prevention Arrhythmia, Circulation 68, No. 6, 1983, pp. 1254-1263.
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				Filing Date	July 29, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Kristen Droeisch Mullen
Sheet	4	of	10	Attorney Docket Number	065071-9058-00

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KDM		GAYKEMA, R., et al., "Subdiaphragmatic Vagotomy Suppresses Endotoxin-Induced Activation of Hypothalamic Corticotropin-releasing Hormone Neurons and ACTH Secretion," <i>Endocrinology</i> , Vol. 136, No. 10, pp. 4717-4720, 1995.			
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				Filing Date	July 29, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Kristen Drosch Mullen
Sheet	5	of	10	Attorney Docket Number	065071-9058-00

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KDM		KHANNA, R., et al., "Coronary Artery Surgery with Induced Temporary Asystole and Intermittent Ventricular Pacing: An Experimental Study," <i>Cardio. Surg.</i> , 1996, Vol. 4, No. 2, pp. 231-236.			
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KDM		McGREGOR, E., et al., "Proteomics of Heart Disease," Human Molecular Genetics, Vol. 12, Review Issue 2, pp. R135-R144, 2003.			
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KDM		NOONAN, DAVID, "And the Beat Goes On," <u>Newsweek</u> , July 11, 2005, pp. 56-57.			
		OKAZAWA, M., et al., "Effect of Vagal Stimulation and Parenteral Acetylcholine on Canine Trachealis Muscle Shortening," <u>J. Appl. Physiol.</u> , Vol. 75, No. 6, pp. 2463-2468, 1992 (Abstract Only).			
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		PFISTER, et al., "Coronary Artery Bypass Without Cardiopulmonary Bypass," <u>Ann. Thorac. Surg.</u> , 54: 1085-92.			
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V KDM		RANDALL, Walter C., Ph.D. et al., "Functional Anatomy of the Cardiac Efferent Innervation," <u>Neurocardiology</u> , 1988, pp. 3-24.			

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				Application Number	10/629,491
				Filing Date	July 29, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Kristen Drosch Mullen
Sheet	8	of	10	Attorney Docket Number	065071-9058-00

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KDM		REID, Steven A., "Surgical Technique for Implantation of the Neurocybernetic Prosthesis," Epilepsia, 31(Suppl. 2), 1990, pp. S38-S39, Raven Press, Ltd., New York			
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V KDM		TERRY, Reese, et al., "An Implantable Neurocybernetic Prosthesis System," Epilepsia, 31 (Suppl. 2, 1990, pp. S33-S37, Raven Press, Ltd. New York.			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/629,491
(use as many sheets as necessary)				Filing Date	July 29, 2003
Sheet	9	of	10	First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Kristen Drosch Mullen
				Attorney Docket Number	065071-9058-00

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KDM		THOMPSON, G.W., et al., "Bradycardia Induced by Intravascular Versus Direct Stimulation of the Vagus Nerve," Ann. Thorac. Surg., 1998; 65:637-42.			
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		YEH, Shing-Shing, et al., "Geriatric Cachexia: The Role of Cytokines ^{1,2} ," Am. J Clin. Nutr., Vol. 70, pp. 183-97, 1999.			
↓ KDM		YOKOYAMA, T., et al., "Cellular Basis for the Negative Inotropic Effects of Tumor Necrosis Factor -α in the Adult Mammalian Heart," The Journal of Clinical Investigation, Vol. 92, pp. 2303-2312, Nov. 1993.			

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KDM		YOKOYAMA, T., et al., "Tumor Necrosis Factor - α Provokes a Hypertrophic Growth Response in Adult Cardiac Myocytes," Circulation, Vol. 95, pp. 1247-1252, 1997.			

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